



Marine & Offshore

Certificate number: SMS.W.II./74631/D.0

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RECOGNITION FOR BV MODE II SCHEME

ZARMEN FPA
ZDZIESZOWICE - POLAND

Summary of the range of the recognition which is detailed in the subsequent page(s):

Steel forgings intended for hull, structural applications, offshore constructions, machinery, boilers, pressure vessels and piping systems.

This certificate is issued to attest that Bureau Veritas Marine & Offshore has performed, at the above company's request and in compliance with the requirements of NR320, a satisfactory assessment of the manufacturing facilities and associated quality procedures related to the range of the recognition. This certificate is a renewal of certificate N° SMS.W.II./74631/C.0 expiring on 23/09/2023

This certificate will expire on: 23 Sep 2027

For BUREAU VERITAS,

At BV KATOWICE, on 21 Sep 2023,

Wojciech Lubojanski

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

The products listed in the table below are to be certified individually or per batch by Bureau Veritas Marine & Offshore in compliance with the applicable requirements (IBV products as defined in NR320).

App. number	Validity date	Item designation	Trade name
21361/C0 BV	30 Sep 2024	STEEL FORGINGS - 8153I	Carbon, carbon-manganese and alloy steel forgings with maximum weight 24 tons.

The products corresponding to the categories listed in the table below are to be certified individually or per batch by Bureau Veritas Marine & Offshore in compliance with the applicable requirements (IBV products as defined in NR320).

Generic product	Description
FORGING	Forged and rolled rings, bars, forged hole rings, mandrel-forged sleeves, discs, block, rectangular plates, shaft lines, flanged shafts.

2. LIMITATIONS

The certificates listed in the range of recognition are to be valid, as applicable.

Bureau Veritas Marine & Offshore is to be informed immediately of any modification to manufacturing facilities and associated quality procedures in order to agree on appropriate actions.

ZARMEN FPA has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

3. PERIMETER OF CERTIFICATION

Quality system of following site(s) has been assessed:

ZARMEN FPA - ZDZIESZOWICE - POLAND

4. REMARKS

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*** END OF CERTIFICATE ***



Certificate number: 21361/D0 BV

File number: MAT 74631-2009

Product code: 8153I

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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APPROVAL CERTIFICATE for MATERIALS

This certificate is issued to

ZARMEN FPA
ZDZIESZOWICE - POLAND

for the type of product

STEEL FORGINGS

Carbon, carbon-manganese and alloy steel forgings with maximum weight 24 tons.

Requirements:

Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 05 Oct 2030

For Bureau Veritas Marine & Offshore,

At BV KATOWICE, on 05 Oct 2025,

Wojciech Lubojanski

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Carbon, carbon-manganese and alloy steel forged products for machinery, shafts and non-welded components in general.
Maximum forgings weight 24 tons.
Forgings are made from ingots and open die forging. Heat treatment as applicable.

2. DOCUMENTS AND DRAWINGS :

- 2.1 - As per following documents issued by ZARMEN FPA:
- "Application for plant authorization" dated 27 November 2008.
 - "Renewal of the approval certificate Zarmen FPA z.o.o NR:2025:08 Rev.00" dated August 2025.
 - "Ultrasonic Testing procedure of steel forgings 9.1-2-PZSZ" dated 28 October 2021.

3. TEST REPORTS :

- 3.1 - Typical tested products are round bars in steel grade:
- S355J2G3, S355J2 according to EN10250-2 in normalized condition
 - C22.8 according to DIN17243 in normalized condition
 - 42CrMo4, 34CrNiMo6 according to EN 10250-3 in quenched and tempered condition.
- 3.2 - As per following documents issued by ZARMEN FPA:
- "Approval test report" submitted in 2009.
 - Statistics_mechanical properties submitted 2014.

4. APPLICATION / LIMITATION :

- 4.1 - As per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units.
- 4.2 - Chemical composition and mechanical properties requirements are to be as per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units, and/or alternative specification mentioned on reviewed drawings, as applicable.
- 4.3 - Semi-finished products are to be supplied by Alchemia S.A. - oddzial Kuznia Batory w Chorzowie, VITKOVICE HEAVY MACHINERY a.s., ACCIAIERIE BERTOLI SAFAU S.p.A., CELSA HUTA OSTROWIEC Sp. z o.o. or other steelmakers approved by the Society.

5. PRODUCTION SURVEY REQUIREMENTS :

- 5.1 - The steel forgings are to be supplied by ZARMEN FPA in compliance with the type and the requirements described in this certificate.
- 5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.
- 5.3 - BV product certificate is required.
- 5.4 - For information, ZARMEN FPA has declared to Bureau Veritas the following production site:

ZARMEN FPA
FILARSKIEGO 39
47-330 ZDZIESZOWICE
POLAND

- 5.5 - Semi-finished products used to manufacture forgings are to be supplied with works certificates (W).

6. MARKING OF PRODUCT :

- 6.1 - Each steel forging that has been tested with satisfactory results are to be marked with the following information:
- Manufacturer's name or trademark
 - Bureau Veritas' Mark
 - Identification marking enabling traceability, such as cast number, heat number, or batch number
 - Material grade and classification
 - Additional markings where applicable, such as test pressure or specific inspection references
- Additional marking requirements specific to steel forgings shall be in accordance with the "Marking" article in the relevant section of Bureau Veritas NR216 Rules on Materials and Welding for the Classification of Marine Units

7. OTHERS :

- 7.1 - It is ZARMEN FPA's responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.
- 7.2 - This certificate supersedes the Type Approval Certificate N° 21361/C0 BV issued by the Society.

*** END OF CERTIFICATE ***